

To: wsimon@frontier.net[wsimon@frontier.net]; 'Peter Butler' [Personal Address/Ex. 6] 'Larry Perino'[Larry.Perino@kinross.com]
Cc: 'Pat Maley'[Pat.Maley@Kinross.com]; 'Brent Lewis'[b1lewis@blm.gov]; Wall, Dan[wall.dan@epa.gov]; 'Lisa Richardson'[lrichard@blm.gov]; Schmittdiel, Paula[Schmittdiel.Paula@epa.gov]
From: Fearn Engineering
Sent: Thur 5/7/2015 1:43:52 PM
Subject: RE: Proposed Sample Locations for High Flow surface water investigation in the Mayflower Area

Looks like a good plan.
Steve

-----Original Message-----

From: wsimon@frontier.net
Sent: May 7, 2015 6:47 AM
To: 'Peter Butler', 'Larry Perino', 'Fearn Engineering'
Cc: 'Pat Maley', 'Brent Lewis', 'Dan Wall', 'Lisa Richardson', 'Paula Schmittdiel'
Subject: RE: Proposed Sample Locations for High Flow surface water investigation in the Mayflower Area

Since Pat replied that SGC will sample at the HOwardsville gauge the load from above can be calculated and compared to the load from below – thus the flow regime will be actual, no?

Bill

From: Peter Butler [Personal Address/Ex. 6]
Sent: Wednesday, May 06, 2015 3:27 PM
To: 'Larry Perino'; 'Bill Simon'; 'Fearn Engineering'
Cc: 'Pat Maley'; Brent Lewis; Dan Wall; Lisa Richardson; Paula Schmittdiel
Subject: RE: Proposed Sample Locations for High Flow surface water investigation in the Mayflower Area

Larry – I would encourage Sunnyside to take a sample at the Howardsville gage as well.

I've attached an updated spreadsheet with sampling at A68 and Howardsville from last year. I calculated the percentage of metal load at A68 that is attributable from sources above the Howardsville gage. As you know, most of the metal load (zinc, cadmium, and manganese) at A68 comes in between Howardsville and A68 in March and April. This is when the highest metal concentrations are seen at A68. During the May – July timeframe, a higher percentage of loading comes from upstream of Howardsville as the snow melts at higher elevation.

When Sunnyside does its sampling, I think it's important to know if the sampling occurs when most of the loading is happening above or below Howardsville. Basically, which metal loading regime is

currently occurring.

Peter Butler

970-259-0986

Cell 970-317-0584

From: Larry Perino [<mailto:Larry.Perino@kinross.com>]

Sent: Monday, May 04, 2015 6:53 PM

To: Peter Butler [Personal Address/Ex. 6]; Bill Simon (wsimon@frontier.net); Fearn Engineering

Subject: Proposed Sample Locations for High Flow surface water investigation in the Mayflower Area

All-

For your information, I have attached sampling plan maps –Google Earth kmz file (if you have Google Earth) and Google image (if you don't) and a spreadsheet – Proposed Sample Locations for the high-flow surface water investigation that Sunnyside is planning to implement in May . Let me know if you have any questions.

Thanks

Larry Perino

Reclamation Manager

Sunnyside Gold Corporation

208-583-2511 x231

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